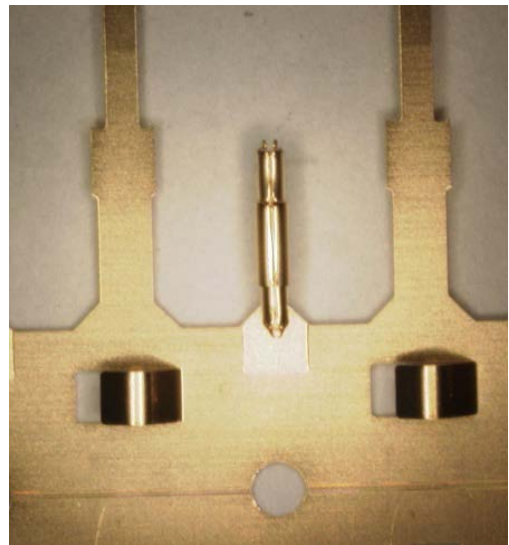


Stamping Probe Pin *SSP6538*

One pass formed spring probe using progressive press

NEW



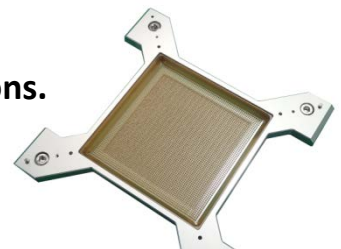
【Features・Application】

- One pass forming realized using progressive mold
- 4 points crown tip
- High durability, low contact resistance (50mΩ), wide operating temperature range (-40~150 degree C)
- Low spring force 15gf available, standard type is 30gf.
- Low spring force is designed for sockets with high pin counts.
- Good high frequency performance (-1db@24GHz)
- Contact pitch > 0.8mm
- Probe length 3.8mm

• Please refer to our catalogue for the detailed specifications.

◆ Application record

LSI socket for 4,536pin 56Gbaud PAM4 x 256ch



4,536pins base

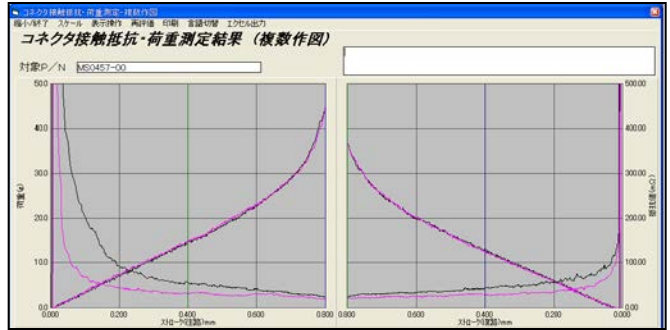
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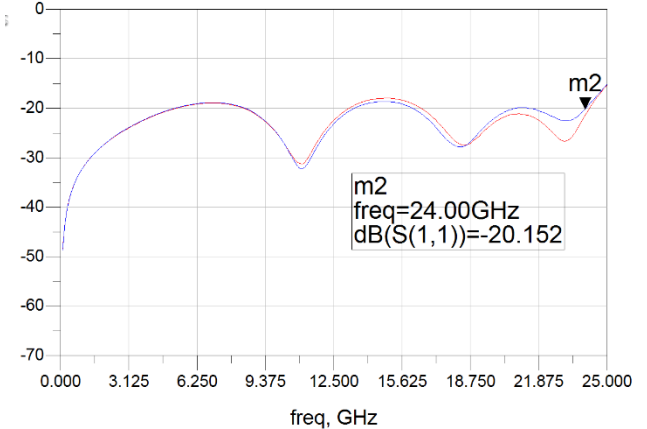
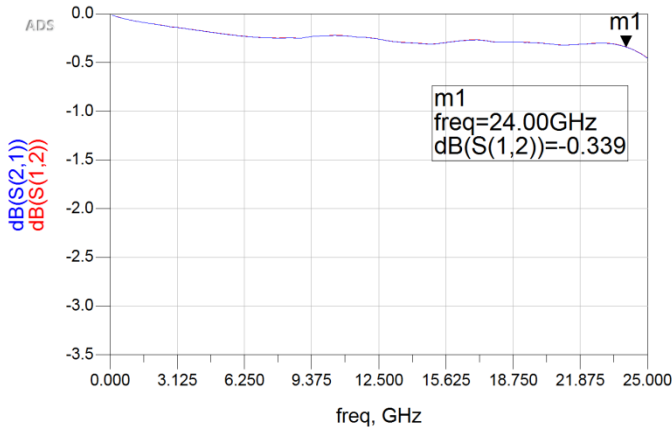
One pass forming



Contact performance (Standard type 30gf)



High frequency performance (1mm pitch)



SSP6538-00 Spec. at T=25C				
	Item	Value	Tolerance	Unit
1	Free Length	3.80	(Typ.)	mm
2-1	Main Barrel Length	2.70	±0.03	
2-2	Main Barrel Diameter	0.65	±0.02	
3-1	Barrel C-Tip Length	1.10	±0.03	
3-2	Barrel C-Tip Diameter	0.53	±0.02	
4-1	Plunger Length	1.10		
4-2	Plunger Diameter	0.53	±0.02	
5-1	Travel Distance (max)	0.90		
5-2	Travel Distance (use)	0.20 - 0.80		
6	Barrel Tip	Multi-Tip Contact		
	Barrel Tip SSP6538-00	Multi-Tip Contact		
7	Contact Resistance	50	(Typ.@0.7mm)	
8	Spring Force	30	(Typ.@0.7mm)	g (* 1)
9	Durability	100,000	(Typ.@0.7mm)	cycle
10	Material	BeCu		
11	Surface Finish	Au		
12	Operating Temp. Range	-40 to + 150		C

(* 1)
15gf type available

ELECTRONICS PARTS



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